UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,658	08/06/2001	Mark A. Kirkpatrick	BS00-311	8202

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ART UNIT	PAPER NUMBER
2173	

DATE MAILED: 08/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/921,658	KIRKPATRICK ET AL.
	Examiner	Art Unit	
	Tadesse Hailu	2173	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _06 August 2001_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-35_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-35_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

1.   This Office Action is in response to the patent application number 09/921,658

filed on August 6, 2001.

2.   The pending claims 1 through 35 are examined as follow.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claims 1-35 are rejected under 35 U.S.C. 102(b) as being anticipated by Janay

et al US Pat No 5,530,961.

The **present invention** relates to methods and systems for obtaining data from

legacy computer systems, wherein when a layout screen terminal is modified, the new

layout is presented to the user without updating the code of the application. Likewise,

Janay et al (Janay) is directed to an improved user terminal, wherein if a remote

application at a host is changed, the display routine are not rewritten (without updating)

to recognize new fields (see column 3, lines 20-38).

With regard to claims 1 and 24:

Janay discloses a method (Fig. 2) and system (Fig. 1) for accessing data via a

legacy computer system (e.g. IBM Personal communications/3270 terminal).

Janay further discloses identifying a plurality of legacy computer system screen fields of an application (column 3, lines 20-38, column 4, lines 24-36), each screen field of the plurality of screen fields associated with at least one unit of data (e.g. data value, "New York") (column 7, lines 3148).

Janay further discloses determining for each screen field a screen field identifier (e.g. unique identifier or name of the field) and one or more screen field location identifiers (column 3, lines 20-38, column 5, lines 55-67).

Janay further discloses storing in display buffer 103 (a configuration file) the screen field identifier and the one or more screen field location identifiers for each screen field of the plurality of screen fields (column 3, lines 20-38,column 4, lines 24-36, column 5, lines 34-46).

With regard to claims 2 and 25:

Janay further discloses determining that a screen field location identifier for a relocated screen field has changed (column 3, lines 20-38, column 4, lines 24-56, Fig. 2).

Janay further discloses determining an updated screen field location identifier for the relocated screen field (column 3, lines 20-38, column 4, lines 24-56, Fig. 2).

Janay further discloses storing in the configuration file the updated screen field location identifier for the relocated screen field (column 3, lines 20-38, column 4, lines 24-36, column 5, lines 34-46).

With regard to claims 3, 26, 30 and 33:

Janay further discloses accessing a screen field configuration file for a legacy computer system, the screen field configuration file storing screen field information (column 3, lines 20-38, column 4, lines 24-36, column 5, lines 34-46).

Janay further discloses identifying one or more screen fields, each identified screen field having a screen field identifier and one or more screen field location identifiers stored in the configuration file (column 3, lines 20-38, column 4, lines 24-36, column 5, lines 34-46).

Janay further discloses creating one or more screen field objects, each screen field object corresponding to an identified screen field (column 3, lines 20-38, column 4, lines 24-36, column 5, lines 34-46).

With regard to claim 4:

Janay further discloses that the screen field object includes screen field identifier information (e.g. id of the screen field, coordinates of the field) (column 3, lines 20-38, column 4, lines 24-36, column 5, lines 34-46).

With regard to claim 5:

Janay further discloses the screen field identifier information includes a screen field identifier and one or more screen field location identifiers (e.g. id of the screen field, coordinates of the field) (column 3, lines 20-38, column 4, lines 24-36, column 5, lines 34-46).

With regard to claims 6, 21, and 27:

Janay further discloses that the screen field identifier includes a screen field name identifier (column 5, lines 55-67).

With regard to claims 7, 22, 31, and 34:

Janay further discloses that the screen field identifier includes a screen name
identifier and a screen field name identifier (column 5, lines 47-67).

With regard to claim 8:

Janay further discloses that the one or more screen location identifiers include a
screen number (column 3, lines 20-38).

With regard to claim 9:

Janay further discloses that the one or more screen location identifiers include a
screen field horizontal position identifier (e.g. row coordinate) (column 5, lines 34-46).

With regard to claims 10 and 32:

Janay further discloses that the one or more screen location identifiers include a
screen field vertical position identifier (e.g. column coordinate) (column 5, lines 34-46).

With regard to claim 11:

Janay further discloses that the one or more screen location identifiers include a
screen field length identifier (e.g. length of the field)) (column 5, lines 34-46).

With regard to claims 12 and 29:

Janay further discloses executing an application, the application to interface with
a terminal of a legacy computer system (column 6, lines 21-32).

Janay further discloses accessing at least a unit of data associated with the one
or more screen fields by referencing the one or more screen field objects (e.g. from the
display buffer, the program reads, accesses or derives a unit of data associated with the
one or more screen fields) (column 4, lines 24-36, column 5, lines 34-46).

With regard to claim 13:

Janay further discloses a legacy computer system to display at least one unit of data in a screen field of a display of a terminal (column 3, lines 20-38).

Janay further discloses an application to access the at least one unit of data, the at least one unit of data associated with the screen field (column 6, lines 21-32);

Janay further discloses a display buffer 103 (a configuration file), the configuration file to store a screen field identifier and one or more screen location identifiers associated the screen field (column 3, lines 20-38, column 4, lines 24-36, column 5 lines 40-46).

With regard to claim 14:

Janay further discloses a screen field object (e.g., value of a particular field, "New York"), the screen field object corresponding to the screen field (column 7, lines 36-40, column 8, lines 43-44).

With regard to claim 15:

Janay further discloses that the application accesses the display buffer 103 (configuration file) to generate a screen field object, the screen field object corresponding to the screen field (column 3, lines 20-38,column 4, lines 24-36, column 5, lines 34-46).

With regard to claim 16:

Janay further discloses that the terminal is a dumb terminal (column 1, lines 31-32).

With regard to claim 17:

Janay further discloses that the terminal displays data in a plurality of screen

fields (column 3, lines 20-38).

With regard to claim 18:

Janay further discloses that the terminal is a 3270-class terminal (column 1, lines

34-36).

With regard to claim 19:

Janay further discloses that each screen field of the plurality of screen fields has

an associated screen field identifier and one or more screen field coordinates (location

identifiers) (column 3, lines 20-38, column 4, lines 24-36, column 5, lines 55-67).

With regard to claim 20:

Janay further discloses that each screen field of the plurality of screen fields has

an associated screen field coordinate or location (position), the associated screen field

position including a row position and a column position (column 5, lines 40-46, column

8, lines 22-26).

With regard to claims 23, 28, and 35:

Janay further discloses that the one or more screen field location identifiers

include a screen row identifier and a screen column identifier (column 5, lines 40-46).

Conclusion

4.   Any inquiry concerning this communication or earlier communications from the

Examiner should be directed to Tadesse Hailu, whose telephone number is (703) 306-

2799. The Examiner can normally be reached on M-F from 10:00 - 6:30 ET. If attempts

to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, John

Cabeca, can be reached at (703) 308-3116 Art Unit 2173 CPK 2-4A51.

5.   Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the Group receptionist whose telephone number is

(703) 305-3900.

Tadesse Hailu

July 30, 2004